

## Security Rules Are To Protect National Safety



The basic objective of the security regulations of the Atomic Energy Commission applying to activities of the commission and its contractors, such as Carbide plants in Oak Ridge, is safeguarding the security of the nation. To achieve this goal, the security provisions observed in Y-12 and other AEC installations are, of course, drawn to protect the restricted data secrets from falling into the hands of unauthorized persons.

### Military Information Protected

The AEC continuously has attempted to make accessible all possible information on atomic energy developments for peacetime uses when such information does not concern military uses of this great power. The security regulations of the commission are drawn with this in view and channels are provided for review and release of information that does not reveal data that would be of value to a potential enemy from a military standpoint.

It is recognized by the AEC that rapid progress in basic science requires free exchange of information and the security policies of the commission have been based on that premise as far as possible without compromising the safety of the country. However, military technology depends greatly on basic science so to protect secrets of the military technology of the nation and to have them superior to those of potential enemies, some curbs must be placed on freedom of exchange of information on basic science when it comes under this head.

### Two Classifications Listed

In an effort to clarify the situation as to what information may be released the AEC has laid down two broad classifications. They are:

1. All information on atomic weapons, including design, production and stockpiles, should be kept secret.

2. Basic science should be kept free except where it is directly related to weapons.

It is on this foundation that the AEC security regulations are based. The general provisions are not complex and should be thoroughly understood by every Y-12 employee. Anyone not completely aware of the security requirements of their job is urged to consult with supervision immediately and obtain the information or to communicate with the Y-12 Security Office, North Portal, telephone 7125.

## Chemical Posts 'All Present' For Third Week

For the third straight week the Chemical Department posted a perfect attendance record in the Major League for the reporting period ending July 2. Always high in the attendance ratings, the Chemical Department is shooting for the mark established several months ago by Electrical Maintenance in having no absenteeism for five consecutive weeks.

### Six Have Low Records

Low absenteeism records by practically all the departments in the Major League composed of groups with more than 50 employees scheduled enabled the plant to maintain its fine overall mark of only 1.7 per cent for the second week in a row. All of the six leading departments in the Major League had absentee records of less than one per cent for the week ending July 2.

Close behind the Chemical Department and in second place in the Major League was the Analytical Laboratory. Its absentee mark of .3 per cent enabled it to advance from third place held the preceding week. Buildings and Grounds advanced from sixth place to third by having only .37 per cent of its personnel absent during the week ending July 2.

### Seven Departments "All Present"

Seven departments in the Minor League composed of groups with 15-49 employees scheduled reported "all present" marks for the week ending July 2. This is one more than the preceding week.

All of the six departments in the Minor League with perfect attendance records for the week ending June 25 repeated the feat the following week. They were the Laundry, Cafeteria and Canteen, Planning and Estimating, Property, Superintendents and Steam Plant. Joining this group was the Receiving and Shipping

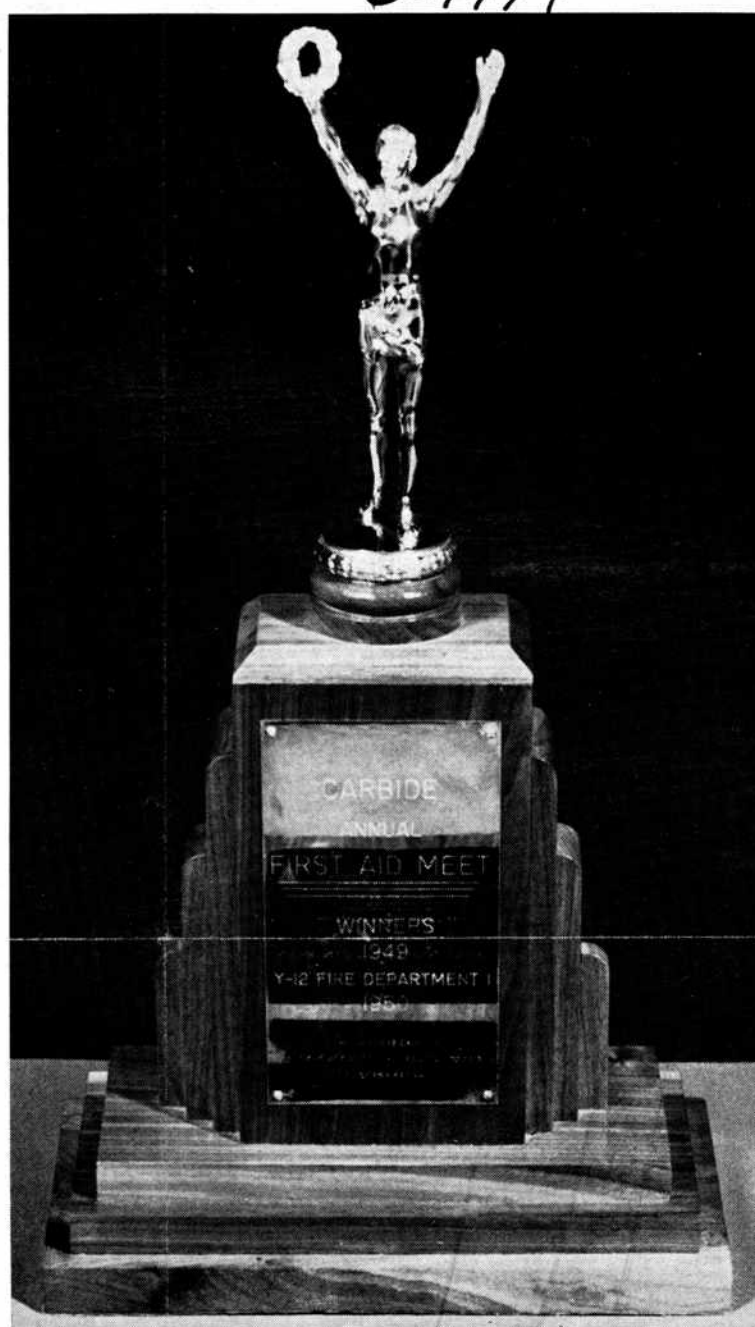
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## Y-12ers Urged To Get Safety Stickers Soon

Y-12 motorists are urged to obtain their last half of 1950 Oak Ridge Safety Lane stickers as early as possible to avoid the usual congestion at the lane toward the end of the period allowed for inspection of motor vehicles.

The lane was opened last week and will be in service for inspection of vehicles through September 23. The inspections will be available Tuesdays through Saturdays of each week until that date. The Saturday hours of operation are from 8:15 a.m. until noon and 12:45 p.m. until 5 p.m. On other days of the week the lane will be open from 9:15 a.m. to 1 p.m. and from 2 p.m. to 6 p.m.

The semi-annual safety checks of motor vehicles is of great benefit to motorists as it reveals any unsafe operating conditions that should be corrected. Brakes, lights, steering apparatus, windshield wipers, horns and other parts of automobiles are closely inspected and the new orange and blue stickers will not be issued until they all are found in first class shape.



FIRST AID TEAMS FROM Y-12 WILL DEFEND THIS handsome trophy, won last year by an aggregation from the Y-12 Fire Department, in the 1950 contest to be held September 16.

## Y-12ers Will Defend First Aid Trophy In Contest September 16

First aid teams of Y-12 will be out to defend the trophy won by a Fire Department team last year when the annual contest staged by Carbide in cooperation with the United States Bureau of Mines is presented Saturday night, September 16, at Blankenship Field. A victory in the 1950 contest will permanently retire the trophy for Y-12, as it must be won two years in succession to be so held.

Preparations for the contest are being made by a committee consisting of Roy M. James, of Y-12; Lloyd Williams, of Oak Ridge National Laboratory; and J. E. Campbell, of K-25.

A number of Y-12 departments and groups already are making plans to form teams to enter the 1950 contest. James, of the Training Department, is coordinating the organization of teams in the plant and has offered assistance to any group desiring to place a team in the competition.

In the 1949 contest the Fire Department team headed by F. L. Remine took first place with 1,498 points out of a possible 1,500. A K-25 women's team finished second and other Y-12 teams finished third and fourth. Teams of men and women participated on the same scoring basis in 1949 after a

**SAFETY SCOREBOARD**

Your Plant Has  
Operated  
**381 DAYS**  
Without A Lost Time  
Accident  
**THROUGH JULY 9**

Y-12 women's team outscored all entries in the 1948 contest to be generally acknowledged as the championship team of the event although men's and women's teams were scored separately and a K-25 team took top honors in the men's division.

## June Shipments Of Y-12 Isotopes Large And Varied

One of the largest and most varied list of shipments of stable isotopes produced in the Y-12 Isotope Research and Production Department was reported for the month of June. A total of 45 shipments of 30 different types of stable isotopes was sent to 16 laboratories and scientific institutions for research work during the month.

Four of the requestors for Y-12 stable isotopes were laboratories operated by the Atomic Energy Commission. They were the Oak Ridge National Laboratory, Argonne National Laboratory, Brookhaven National Laboratory and the Los Alamos Scientific Laboratory. The other institutions receiving shipments included the National Bureau of Standards, Bartol Research Foundation, Allegheny Observatory, the National Naval Medical Center and several universities.

### Bureau Gets Eight Shipments

The National Bureau of Standards received eight shipments during the month, the largest single item. Of these shipments two were Mercury 199, two Mercury 201, two Mercury 204 and one each of Mercury 200 and 202.

The Argonne and Brookhaven Laboratories each got seven shipments. The former received consignments of Gallium 71, two of Strontium 87 and one each of Nickel 58, 61 and 62 and Cerium 136. Brookhaven asked for Molybdenum 94 and 95, two of Tin 124, one Tin 116 and one each of Zirconium 90 and 96.

The Oak Ridge National Laboratory received shipments of Samarium 144, Lithium 6, Lanthanum 138 and Chromium 50. One shipment of Tellurium 126 went

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## New Y-12 Credit Union Business Is Booming

The Y-12 Employees' Credit Union business is booming along at a rapid pace, according to President Don Phillips and Treasurer W. K. Palmer, as more than 200 Y-12ers have signed membership applications.

### Office Hours Established

Requests for membership applications and loan applications have become so frequent that officers of the credit union have established regular office hours at the organization's headquarters, Room 20, Bldg. 9704-2. Some officer or member of the board of directors or their representative will be present there from 11:30 a.m. to 1 p.m. every Monday through Friday.

The young organization's financial standing is excellent, Treasurer Palmer reported last week. More than \$5,000 in cash now is on hand for loans to borrowers and commitments to the credit union on payroll deductions amount to about \$1,800 per week.

Under the arrangements between the credit union and the Company the deductions made by employees

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# The Bulletin

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## June Stable Isotopes Shipments Are Large

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to the Los Alamos Scientific Laboratory.

### Universities Get Shipments

Among the outside institutions receiving shipments were Johns Hopkins University with a shipment of Lithium 6 and the University of Illinois with shipments of Cerium 136 and 138. The National Naval Medical Center was sent stable isotopes of Gallium 71 and the University of Michigan got a shipment of Strontium 84. Allegheny Observatory received shipments of Copper 63, Cadmium 114, and Mercury 199.

The Massachusetts Institute of Technology received a shipment of Molybdenum 96 and a shipment of Lithium 6 went to the University of Wisconsin. The University of Minnesota received two shipments of Lithium 7 and one of Lithium 6.

The University of Chicago also received a shipment of Lithium 6 and Princeton University was sent stable isotopes of Potassium 40. The Bartol Research Foundation was sent shipments of Zirconium 96, Tin 122 and 124.

## Dr. Hubbell Will Address Physics Seminar Meeting

"X-Ray Scattering at Small Angles" will be the topic of discussion at the weekly meeting of the Oak Ridge Physics Seminar scheduled for 4 o'clock Friday afternoon, July 14. The session will be held in the East Lounge of the Ridge Recreation Hall.

All Y-12 technical and scientific personnel are invited to attend the meeting. The discussion will be led by Dr. H. H. Hubbell, of the Oak Ridge National Laboratory and Middlebury College.

## 'Brewing In Chemistry' Topic Of Headlines Radio Program

The important role played by chemists in brewing of beer and other beverages will be related in Headlines of Chemistry radio program to be given at 9:15 o'clock Sunday night, July 16. The program is a regular weekly feature sponsored by the East Tennessee Section of the American Chemical Society.

Miss Florence Housch, of the NEPA Project of Fairchild Airplane and Engine Co., will discuss "Chemistry of Beverages." She will describe the processes of beer brewing and also the manufacture of other beverages. Warren Rysen and J. C. Barton, of K-25, will be hosts of the program.



The following Y-12 employees were patients at the Oak Ridge Hospital last week: W. K. Palmer, Manufacturing Offices; Harold B. Greene, Isotope Research and Production.



SEVERAL Y-12 WOMEN WERE GUESTS AT A MISCELLANEOUS SHOWER GIVEN FOR Miss Mary Edwards, of the Y-12 Uranium Control and Computing Department who was wed July 1 to Grover L. Attkisson. The affair was given June 28 with hostesses being Gwinn Harmon, of Y-12, and Mrs. Clara Parker as hostesses. In the picture of the guests above in the first row, from left are Mrs. George Jones, Mrs. Charles Hill, Marcelle Edwards, Edna Cate, Virginia Swanner and Mrs. Dean Morris. In the second row are Mrs. B. L. McGraw, Mrs. W. J. Edwards, Mary Edwards, the honoree; Mrs. Clyde Woods, Gwinn Harmon, Oradean Upchurch, Kate Penland and Elizabeth Wilson. In the third row are Bobby Parker, Katie Williams, Hallie Heicht, Mrs. Grace Smithson, Mrs. Ruth McCanley, Betty Attkisson, Mrs. Clara Parker, Mrs. Gilley Crouch, Bessie Penland, Freddie Woods, Elizabeth Mitchell and Mrs. O. D. Teague.

Y-12 Photos By Vince Moore



Some Y-12ers traveling up Washington way by train over the long week-end holiday vow now they know where the man got the idea for writing "Mule Train."

Bill Hays, of the Security Office, is back from that Carolina vacation trip and writes a four-page letter revealing interesting details of the jaunt. He missed Nags Head, previously announced destination, but finally landed up at Bayview, guided by Jim Wright, a former Y-12er, whom Hays declares found the site while serving as water boy in the Piedmont League and then rediscovered it only by following old baseball covers nailed to trees. Bill relates details of meeting a jelly fish in the difficult manner and offers to show evidence of the encounter to friends—in private and for a slight consideration.

Harold Babb, of Maintenance Shops, is an accommodating host as will be attested by two brothers-in-law, E. N. Rogers and G. D. Rogers, from Ohio, who were guests of the Babb's over the holiday week-end. Babb took G. D. Rogers fishing up around Morristown and they came back with a string of 13 big catfish weighing a total of 70 pounds. The biggest one was an old tom weighing 25 1/4 pounds and Rogers was so proud of the monster that he had it shipped back to Ohio on ice as proof of the tale. Pictures of the fish foray are on Page Three—don't miss 'em.

Cumberland Falls and Mammoth Cave, Ky., proved popular with Chemical Research folks over the July 4 holiday. K. O. Johnson and family took in both scenic sites . . . F. G. Seeley and his wife, Katie, with Ross Jamison, of the Analytical Laboratory, went to the big hole in the ground . . . W. M. Leaders and his family choose the falls . . . Virginia Spivey took her mother, sister and niece, visiting here from North Carolina, to the falls for the holiday and then spent some time at Gatlinburg . . . L. P. Twichell and family went up to Gate City, Va., over the long week end . . . H. M. McLeod traveled down to Tuscaloosa, Ala. . . Mildred Swan had as week-end guests her daughter and son-in-law, Mr. and Mrs. James Guinn, from Nashville . . . Helen Grady spent the week end

in Washington . . . Jean Rogers went up to Pontiac, Mich., for the holidays . . . Mary Barnes visited her mother in Montgomery, Ala. . . Cecil Lynn and family spent a recent two-week vacation in Cookeville and Oak Ridge . . . Bill Lukeman and family went down to delicious Daytona for the holidays.

The Research Engineering Department welcomes Elaine Pace into the group . . . P. G. W. Nielson is vacationing for two weeks and spending most of it fishing.

Lillian Hamlett, of the Laundry, is vacationing for two weeks at her home in Cumberland Gap, Tenn.

Frank Fuis, of Plant Engineering, and his family have asked The Bulletin to express their deep appreciation over the many experiences of sympathy and flowers sent them by Y-12 folks and other Oak Ridge friends after the death of Mrs. Fuis recently in the Oak Ridge Hospital. The entire plant joined the department in extending the deepest sympathy to Fuis and his family over their loss.

The Isotope Research and Production Department reports that E. J. Spitzer and George Stukenbroeker motored to East St. Louis, Ill., over the July 4 holidays and the latter went on to St. Charles, Mo. . . Dockie Smith just loafed around Oak Ridge on vacation . . . W. E. Leyshon and his wife Emily, of Chemical Research, holidayed with his folks at Wilkesboro, N. C. . . Get well wishes are sent Harold B. Greene after a recent appendectomy . . . Dr. J. R. McNally and family are vacationing for two weeks in Boston, Mass. . . Harold Walchli has been called to Warren, Pa., because of the illness of his father-in-law . . . Stanley Fulkerson and family, including a brother from Arkansas, are vacationing in Florida and doing some tarpon fishing.

E. M. Cox and W. F. Smith, of Electrical Maintenance, have returned from vacations . . . W. B. Adecock is on a two-week vacation, mostly fishing.

The Assay Laboratory extends sympathy to W. W. Rice over the recent death of his mother at Harrogate, Tenn.

Lillie Cobble, of Medical, and

her husband, Ernest, of Buildings and Grounds, had her brother, Jack Herrington, of Springfield, Ohio, and Mrs. Herrington as guests over the July 4 week end . . . Jodie Brown is vacationing for a week to be with her sister and brother-in-law, Ann and Stanley Cross, both former Y-12ers, who are visiting his folks in Viola, Tenn. The Cross family now is living in West Orange, N. J. . . Virginia Smith spent the week end with friends in North Carolina.

The Guard Department extends sympathy to T. J. Bush over the death of his father July 1 at Englewood . . . E. Scott is vacationing for two weeks at Benton Harbor, Mich.

Mozelle Rankin, of the Electromagnetic Research Laboratory, spent the holidays in Columbus, Ohio . . . Larry Parsons is closely watching the Korean war news these days—his son, Jack, is a private first class in the famous First Marines, that might see action in the Far East.

Roscoe Reid, of Chemical, spent a week's vacation in Oak Ridge—but it was in Missouri . . . E. C. Continued on Page 4

## Chemists In Y-12 Will Join Throng In July 15 Picnic

Members of the East Tennessee Section of the American Chemical Society in Y-12 will join with fellow members of the group from Oak Ridge, Knoxville and nearby towns in attending the annual picnic of the organization Saturday, July 15, at Big Ridge Park. In case of rain the affair will be postponed for two weeks, to Saturday, July 29.

The fun will start at Big Ridge about 1 p. m. and continue throughout the afternoon and evening. Softball, horseshoe pitching, badminton and other sports will be staged for the crowd. Special entertainment will be provided for children and every young guest will receive a toy.

C. D. Susano, of the Y-12 Technical Service Laboratory, is chairman of the picnic committee. The usual chores for women guests in providing and serving food will be greatly eased, he reported, as the men members of the group will provide the victuals for the picnic supper, which will be served about 5:30 p.m.

## 'Little Women' Set For Radio Program

Louisa May Alcott's famous novel, "Little Women," will be dramatized on the My Favorite Story radio program at 7 o'clock Sunday night, July 16, over Oak Ridge Radio Station WATO. The 30-minute program is being sponsored by Carbide during the summer months.

Selection of "Little Women" for presentation on My Favorite Story was made by movie actress Shirley Temple. Ronald Coleman is commentator on the program.



A CHINA SHOWER WAS GIVEN JUNE 28 BY MRS. PAUL BLAKELY, WIFE OF A Y-12 EMPLOYEE, honoring Miss Nancy Doane, also a Y-12er, who is to be wed July 29. In the small picture at the top Mrs. Blakely and Miss Doane inspect some of the gifts. Guests at the function are shown below. Seated on the floor from left are Mrs. Betty Levy, Mary Ann Huddleston, Nancy Doane and Paul Blakely, taking moving pictures of the proceedings. In the second row are Janet Debnam, Gloria Peterson, Daisy Ward, Juanita Fugate, Esther Moody, Mary Evans and Mona Skuarla. In the third row are Mrs. Eloise Overholser, Jean Redman, Mrs. Blakely and Elizabeth Young.

Y-12 Photos By Vince Moore



# Cardinals Make Debut In Lake City Tourney Thursday Night

## Plant Softies Open Last Half Thursday Night

The second half of the Plant Softball League season will get underway tomorrow night, Thursday, July 13, at Pinewood Park with a double-header. The All Stars and Rippers are slated to pry the lid off the second half schedule at 6:30 p.m. with the Isotopes and Bums meeting at 8 p.m.

Hostilities will be resumed, depending, of course, on the weather, next Tuesday night, July 18. On this program the All Stars and Isotopes are slated to meet at 6:30 p.m. with the Bums meeting the first half champions, Bldg. 9212, at 8 p.m.

### Bldg. 9212 Easy Winner

Rain and the July 4 holiday played havoc with attempts to play a number of rained out games in the first half of the season schedule to determine the final loop standing. With the Bldg. 9212 outfit running away with top honors it is doubtful if the other postponed games will be staged.

Despite the runaway triumph of Bldg. 9212, the other teams in the league have taken a hitch in their belts and expressed determination of giving the first half champs a stiff battle in the wind-up part of the schedule.

### Tournament Is Planned

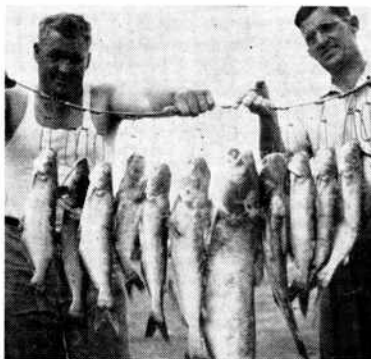
The second half of the season schedule comes to a close with games of August 15. A play-off then will be held, if necessary, to determine the winner of the regular season's play. In addition, a double-elimination tournament is planned as a grand finale for the season.

## Cardinals To Meet R-ANextWednesday

The next home game of the Y-12 Cardinals will not be played until 8 o'clock next Wednesday night, July 19, when the Y-12ers will meet Roane-Anderson in a game previously postponed because of rain. The schedule of playing rained out games has been greatly delayed—because of more rain.

The second half of the season in the Oak Ridge City League will begin Sunday, July 23, or sooner if the rained out games from the first half can be completed. The loop will have but five teams in the second half of the season as Community Stores and Oliver Springs have dropped out of the circuit.

## Y-12 SPORTS



**HAROLD BABB, MAINTENANCE SHOPS, TOP, PROUDLY DISPLAYS THE FORMER HEAD TOM CAT (FISH) of East Tennessee caught by him and his brother-in-law, G. D. Rogers, of Ohio, near Morristown recently. The big fellow (fish, that it) weighed 25 1/4 pounds. The bottom picture shows Rogers, left, and Babb displaying their entire string of 13 fish that weighed in at 70 pounds.**

## Women Netters Play K-25 Next Tuesday

The Y-12 women's tennis team, champions of the first half of the season in the Oak Ridge City League, will tackle the K-25 lassies at 5:30 o'clock next Tuesday afternoon on the Townsite courts. The Y-12ers also were scheduled to play a rained out tilt with Oak Ridge National Laboratory on Monday of this week.

In the first half of the season the Y-12 racquetters won 15 and lost 9 matches. ORNL was second with 11 and 13 and K-25 last with 10 and 14.

## Clyde Bowles And Leo Caldwell Meet For Championship Flight Title In Golf League Tourney

Finals were reached in the championship, first flight and second flight of the Plant Golf League tournament with the third and fourth flight players nearing the end of their competition. Fifth flight matches were running behind schedule last week but it is hoped these golfers will catch up on their time table before the end of this week in the competition at the Oak Ridge Golf and Country Club course.

### Bowles, Caldwell In Finals

The championship flight title will be fought out between Clyde Bowles and Leo Caldwell. Both finalists had hard battles to reach the title round. Bowles defeated Bill Reynolds and Caldwell downed Arnold Tiller in the semi-final engagements.

Richardson and Barker will clash in the finals of the first flight. Richardson advanced by trimming Peterson while Barker upset Crouse in the semi-finals.

In the second flight Ratjen and Mitchell will battle it out for the title. Ratjen defeated Holtzknecht in the semi-finals while Mitchell downed Cain.

Hubbard defeated Tibbatts to advance to the finals in the third flight. He will play the winner of a match between Kielholtz and Matthews for the flight title.

Koons and Grimes will meet in the finals of the fourth flight.

### Must Finish By July 17

The tournament rules provide that all final matches must be played and reported to the Recreation Office not later than next Monday, July 17.

Handsome trophies will be awarded winners and runners-up in the championship, first and second flights while the winners of the third, fourth and fifth flights also will receive prizes.

## Tennis Team Slated To Meet K-25 Next

Capt. Mal Wallis' Y-12 tennis team will tackle the strong K-25 netters on the Jefferson courts at 5:30 o'clock next Tuesday afternoon, July 18. The Y-12 team was slated to meet the Atomic Energy Commission netmen Tuesday of this week.

The Y-12ers dropped a 6 to 1 decision July 5 to the Oak Ridge National Laboratory racquetters. Wallis took the only victory for Y-12, defeating Towns in singles by 6-4, 6-3. This is the second victory for Wallis over Towns in league play, but the ORNLman trimmed the Y-12 leader in the recent city tournament.

## OR Motors, K-25 Next Slated Foes Of Y-12 Softies

The Y-12 men's varsity softball team faces two strong opponents within the next few days, meeting the Oak Ridge Motors outfit at 8 o'clock Friday night and the loop-leading K-25 aggregation at the same hour Monday night. The games will be played at the new Turnpike Park.

Dick Dews' lads lost another close one last Friday night, dropping a 2 to 1 decision as "Hard Rock" Stone and Ed Sise hooked up in a mound duel. Light hitting again hampered the Y-12 attack as our side could get but four hits.

Line score follows:

## Y-12 Bowlers Lose To Electricians But Maintain Top

The previously high-flying Y-12 bowling team in the Oak Ridge Summer League had their wings clipped last Thursday night at the Oak Terrace by the Swinford Electric Co. keggers. The electricians short-circuited the Y-12ers for four points, the only such defeat handed the loop leaders this season.

The line scores were 753, 784, 739—2,274 for Y-12 and 801, 828, 846—2,475 for the victors. Frank Knox posted a 506 series to lead the Y-12ers and was followed by Riddle 475, Pack 458, Duckworth 434 and Gragg 401.

Despite the defeat the Y-12 keggers have a three-point cushion over the second place Oak Ridge National Laboratory team. Y-12 has a 26-10 record to 22-13 for ORNL and Roane-Anderson is in third place with a 22-14 mark.

More Sports News  
On Page Four

## Oneida-Corrytown Winners To Clash With Y-12 Outfit

The Y-12 Cardinals will make their debut in the Lake City district tournament of the National Baseball Congress at 8 o'clock Thursday night, July 13, according to the schedule announced by Tim C. Peters, district commissioner. The Red Birds will play the winners of the Oneida-Gibbs of Corrytown clash, which was scheduled for Monday night of this week. Y-12 drew a bye in the opening round of the top bracket.

Seven teams have entered the Lake City tournament. In addition to Y-12, Oneida and Gibbs, other clubs are Lake City, Helenwood, Sunbright and Dyllis. The winner of the Lake City event will earn the right to play in the state finals to be held at Crossville and the state winner will go to Wichita, Kan., to play in the national tournament.

First round games are scheduled for Monday, Tuesday and Wednesday of this week. After the opener between Oneida and Gibbs Monday night, Lake City and Helenwood were slated to meet at 8 o'clock Tuesday night. Sunbright and Dyllis were booked for the same hour Wednesday night. The last four named teams are in the bottom bracket of the tournament.

The lower bracket second round is scheduled for 8 o'clock Friday night, July 15.

The losing teams in the first round will battle it out for third place honors in the tournament.

### Y-12 May Play Sunday

If the Y-12 team comes out on top in its first game it will meet the winner of the lower bracket at 3 o'clock Sunday afternoon, July 26, for the district championship.

The home team in each game will be determined by tossing of a coin by the commissioner or his representative in presence of managers of both the competing teams.

## Knox Teams Take Pair From Y-12ers

Two Knoxville softball teams handed out defeats to Y-12 outfits Saturday night. The state championship Cas Walker women's team beat the Robins by 8 to 2 and the Vine Ave. Merchants topped Dick Dews' team by 2 to 0.

The Robins got away fast with a pair of runs in the first inning but fell before the curves of Ella Mae Koontz from then on. Eight errors didn't help the Y-12 cause. In the men's game Y-12 hurlers held the Knoxville team to one hit and it did not figure in the scoring, which was done on a pair of errors.

Scores by innings:

Team	R	H	E
Cas Walker	110	033	0—8 10 2
Y-12	200	000	0—2 5 8

Team	R	H	E
Vine Ave.	000	020	0—2 1 1
Y-12	000	000	0—0 3 3

Batteries: Vine Ave., Tolliver, Madison (5) and Huffaker. Y-12, Sise, Vaughn (4), Holland (5) and Hale, Snyder (4).

## Dodgers To Meet Cloverleafs Tuesday

The Y-12 Dodgers will seek to continue their winning streak next Tuesday night when they will entertain the strong Knoxville Cloverleafs. The game is set for 8 o'clock at the Gamble Valley park.

## Make Those Holiday Boat Trips Safe

# Deaths By Drowning In TVA Lakes Increased Sharply During 1949; Most Fatal Accidents Could Have Been Prevented By Exercising Care

Popularity of East Tennessee's lakes and streams as a holiday center and for year-around outings and fishing trips has grown by leaps and bounds during the past few years. With the rapidly growing popularity, however, has come a startling increase in number of deaths by drowning—mostly as a result of accidents that could have been prevented by use of ordinary precautions and safety measures.

A lot of Y-12ers, members of their families and friends doubtless will go boating or fishing in boats or swimming during summer week end holidays. All are urged to exercise every precaution against water accidents—use common sense in handling of boats and come home unharmed—and dry.

The Tennessee Valley Authority division of health and safety reported recently that during 1949

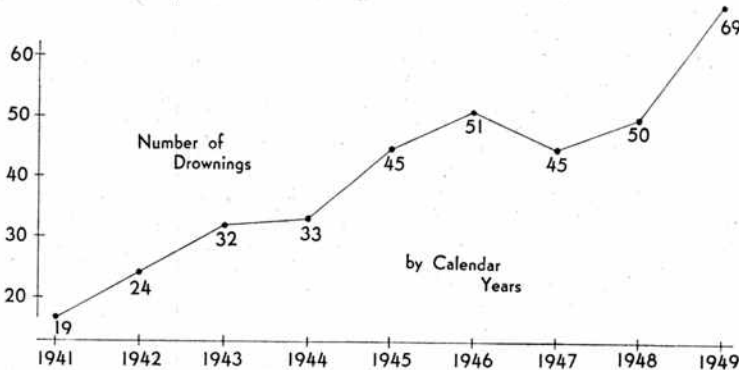
alone 69 persons were drowned on TVA lakes as a result of boating, swimming and wading accidents. Of this number, 52 or 80 per cent, were boating or fishing from boats at the time of the accidents that claimed their lives.

### Urged To Avoid Hazards

During the coming summer months many hundreds of trips to the lakes and streams nearby probably will be made by Y-12ers and members of their families on fishing trips, outings and picnics. All are urged to use every effort to avoid the hazards that accompany such ventures. The ordinary rules of water safety are simple and if carefully observed can result in a sharp decrease in the number of deaths by drownings.

Most of the 1949 drownings from boats could have been prevented if occupants had worn life pre-

Continued on Page 4



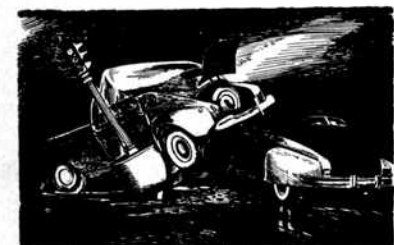
THIS GRAPHIC CHART SHOWS THE RISE IN NUMBER of drownings in TVA lakes since 1941, when only 19 persons lost their lives, up through 1949 when the death toll reached 69. The TVA has reported that the 1950 deaths by drownings in lakes of the agency reached 19 during the first five months of the year—two less than the number reported for the same period last year.



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## Mr. Fast Driver, Don't Let Speed Defeat Caution



Remember this picture—Mr. Fast Driver—the next time the temptation to step on the gas and zoom along the highway at top speed starts to creep up the accelerator leg.

The Mr. Fast Driver who yields to this temptation is not only risking his own neck but the lives of other motorists, passengers and pedestrians as well. Reliable vital statistics show that speed helped kill about 10,000 motorists and pedestrians in 1948.

Safe speed for any driver means driving slow enough for road and traffic conditions. Good brakes are necessary to comply with the principles of safe driving and they should be checked as often—or more often—than any other part of an automobile.

So—Mr. Fast Driver—take it easy. The life you save may be your own and your life and others may depend on how fast you can stop.

## Dodgers Dole Out Defeats To Three

The Y-12 Dodgers, crack Negro plant baseball team, really turned on the heat against three opponents over the July 4 holiday season, running up double-figure victories in each contest. The Harriman Tigers were the first victims on July 1 by the score of 12 to 3. Then came the Bearden Tigers who were walloped 13 to 4 and the boys really exploded their fireworks against the Oak Ridge Giants by 12 to 2 in a five-inning game on July 4 that was abbreviated because of rain.

Deathridge, Faulkner and Mosley did the twirling for Y-12, the latter whiffing eight Oak Ridge Giants in the five inning game he pitched while allowing but two hits.

The Dodgers now have a season's record of five games won and but two lost.

Line scores of the three games follow:

Team	R	H	E
Y-12	031	003	401—12 13 3
Harriman	000	000	000—3 3 6

Batteries: Y-12, Deathridge and Harkness. Harriman, Wedley, Anderson and Dearmond.

Team	R	H	E
OR Giants	020	00—	2 2 2
Y-12	316	02—	12 11 2

Batteries: OR Giants, Pot and Terry. Y-12, Mosley and Harkness. Game called at end of fifth inning because of rain.

Utopia: The conditions that will prevail when Americans enjoy 1950 wages, 1926 dividends, 1932 prices and 1910 taxes.



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Cox and family took a long sight-seeing trip over the holidays through Georgia, Alabama, Mississippi and Arkansas.

Polly Arnold, of Receiving and Shipping, vacationed for a week with visits to Richmond, Va., to visit a brother, and then going on to Maryland and Washington, D. C. . . . Paul Snodgrass also vacationed for a week by visiting his folks in Upper East Tennessee . . . J. A. Duncan is vacationing for two weeks at his home in Wartburg.

Fishing up around Petros drew O. W. Patrick, of Property Sales, while on vacation.

Edna Campbell is welcomed back to the Cafeteria and Canteen Department.

Lennie Nicely, of Product Chemical, joined the Daytona Beach holiday throngs while on vacation.

Clarence Johnson, of Safety, drove down to Maben, Miss., over the holiday week end and Mrs. Johnson, who was there visiting her mother, returned with him to Oak Ridge . . . Cliff Henderson and Mrs. Henderson went to Myrtle Beach for the July 4 fireworks . . . The Paul Ziemkes visited points of interest in East Tennessee and Kentucky over the holidays.

Esther Moody, the little gal with the big smile in The Bulletin and Recreation Office, is vacationing for a week visiting her twin sister in Chattanooga.

Irene Turner, of Manufacturing Offices, spent the holiday week end with her folks in Charlottesville, Va.

Leon Brown, of the Property Department, is vacationing for two weeks at home in Leinhardt, Tenn. . . . Frances Smith went to Fayetteville, Tenn., for a week . . . H. I. Esty is vacationing for two weeks in Massachusetts.

W. A. Parks, of Buildings and Grounds, and his wife, Nell Parks, of the Superintendents Department, with their son flew up to Michigan to pick up a new Buick automobile after which they will vacation for a week in Canada . . . C. B. Hopkins vacationed for a week in Savannah, Ga.

Transportation reports various and sundry vacationers on their rolls, including Theo Renner, T. H. Burger, G. L. Howard, W. T. Bradshaw and E. D. Seagle.

Ooops. Through an unfortunate error in transcribing notes on vital statistics in The Bulletin last week an embarrassing boner was pulled entirely without malice aforethought. On the bottom of the list of babies born to Y-12ers in the Oak Ridge Hospital were the names of two employees who were patients in Knoxville hospitals—so those who haven't read the paper need go no further. Sincere apologies are offered to Orel C. Hartman, of Manufacturing Offices; and Earl Lawson, of Maintenance Shops; the innocently involved victims of the blooming blooper.

A lifetime can be spent in crossing a street. Don't jaywalk, and even at intersections beware of turning cars.

## Deaths By Drowning Jump In TVA Lakes

Continued from Page 3

servers, had not overloaded boats, used care in operation of the craft, avoided intoxicants, stayed away from turbulent water below dams and had not stood up in the boats. These were the principal causes of fatal accidents on TVA waters during the year. Some of the fatalities occurred as a result of boating parties remaining on lakes too long after rough weather arose.

**Causes Of Accidents Listed**  
TVA records report that during 1949 failure to wear life preservers caused or was a factor in the drowning of 35 persons. Overloaded boats brought death to 21 while unsafe or inexperienced operation of boats caused 18 deaths.

Naturally, the increased number of visitors to the lakes was a factor in the rapidly increasing number of deaths but TVA authorities have urged other safety groups to join in describing the hazards that haunt inexperienced and careless boaters in an effort to cut the accidental-drowning rate.

The TVA report points out that 35 of the 69 drownings in 1949 happened on Saturdays or Sundays. Fridays and Mondays were the next worst days. Nearly half of the drownings occurred between noon and 6 p.m.

**Average Age Was 29 Years**

All but five of the victims were men or boys and not one of the 69 was under 15 years old. The average age of the tragedy victims was 29 years with 61 of them being between 15 and 45 years old and eight being more than 45.

Boats involved in the 69 TVA drownings during 1949 were mostly outboards ranging from eight to 16 feet long, most of them being 12 or 14 feet. In nine water accidents more than one person was drowned, making a total of 28 drownings in the nine mishaps.

Here are descriptions of some of the typical accidents that resulted in multiple drownings:

Watauga Lake, two drowned—Three men in 14-foot boat with five horsepower motor. Weather was clear and the lake choppy. The boat capsized when one man lost his balance while cranking motor. Life preservers were in the boat but were not used.

**Overloading Is Apparent**

Fort Loudoun Lake, four drowned—two men and two women were in 12-foot boat with 12 horsepower motor. It was late at night and the boat had no lights or life preservers. The boat apparently turned over when the pilot turned abruptly to avoid an anchored craft.

Norris Lake, four drowned—Three men and a boy were in a 12-foot boat at night. There were no witnesses to the accident. Overloading apparently was a factor as in addition to the passengers there were three dogs, four shotguns, sleeping bags, fishing tackle and other articles in the boat but no life preservers.

Below Kentucky Dam, five drowned—Five men were fishing in a 12-foot boat near the open spillway. The motor would not start and the boat drifted into the turbulent water. The boat was demolished and life preservers worn by the victims were torn from their bodies by the force of the water.

Safety-minded Y-12ers are urged to bear these accident factors in mind and take every possible step to see that they are not present on water trips made by them or members of their families.

## Cookeville Softies Play Y-12 Saturday

Men and women softball teams from Cookeville will invade Oak Ridge Saturday night, July 15, to meet the Y-12 teams. The first engagement between the Robins and the Cookeville lassies will begin at 7:30 o'clock at the new Turnpike Park with the men's game following. Admission to this exhibition is free.

## Softballers Split Pair In Cookeville; Lose To Knoxville

Manager Dick Dews' Y-12 varsity softball team celebrated Independence Day by staging an invasion of Cookeville, Tenn., where they pleased a large crowd of fans with their performances against a pair of home town clubs. The Y-12ers lost to the crack Allen and Brown team by the score of 4 to 3 but came back to defeat the Cookeville All-Stars by 5 to 1.

**Sportsmanship Pleases Fans**

The Y-12 team originally had been scheduled but for one appearance—against Allen and Brown—but the scheduled opponent for the All-Stars failed to show up and the Oak Ridge visitors were prevailed on to stay over and play the second game. As a result of this sportsmanlike gesture and the general fine quality of play, the Y-12ers were quite popular with the fans in the plateau city at the end of the afternoon's hostilities.

A bad first inning cost the Y-12ers the opener against Allen and Brown, the victors scoring all their runs in that inning and Y-12 not being quite able to catch up. The procedure was reversed in the second game with Y-12 getting off to a three-run lead in the first and adding a pair of insurance runs in the sixth.

**Lose To Knoxville Team**

Prior to making the Cookeville trip, the Y-12 varsity softballers dropped a 10 to 9 decision to the Vine Ave. Merchants team of Knoxville July 1.

The Knoxville team got away to a seven-run lead in the first inning, but the Y-12ers started pecking away and managed to go ahead in the top of the seventh by scoring six times. However, the Vine Ave. lads tied it up in their half of the seventh and went on to win in the ninth.

Line scores of the three games follow:

Team	R	H	E
Y-12	011	010	0—3 6 1
Allen & Brown	400	000	x—4 2 0

Batteries: Y-12, Sise, Loy and Hale. Snyder, Allen & Brown, Griffin and Branch.

Team	R	H	E
Y-12	300	002	0—5 8 0
All Stars	100	000	0—1 1 0

Batteries: Y-12, Sise and Hale. Vine Ave., Smith and Jones.

## Wisconsin Editors Talk Atomic Energy

The University of Wisconsin recently sponsored a round table discussion on atomic energy that was attended by about 40 editors and news writers of state papers, it is reported by the Milwaukee Journal. The newspaper stated that Morse Salisbury, director of information of the Atomic Energy Commission, emphasized that an overwhelming mass of atomic information has been published and that the only classified data is that withheld for military security reasons. The Journal reported that Dr. Joseph O. Hirschfelder, professor of chemistry at the university and an authority in the field of radiation, said the situation is not hopeless as regards to civilian defense against atomic attack and described various steps that should be taken in large population centers. Dr. Farrington Daniels, also of the university, was quoted as declaring a stockpile of atomic bombs might be usable in the future for peacetime applications of atomic energy.

**ATOMIC MEDICINE TALKED**

The Salt Lake City Tribune recently reported that a regional conference on medical aspects of atomic warfare was held at the Salt Lake City General Hospital under sponsorship of the University of Utah College of Medicine in cooperation with the Atomic Energy Commission division of biology and medicine.

## Chemical Department Reports 'All Present'

Continued from Page 1

Department, in fourth place for the week ending June 25.

**Second, Third Places Unchanged**  
Second place in the Minor League for the week ending July 2 was the Technical Service Laboratory, which had the same position the previous week. Its latest absentee percentage was .8 per cent. The third place department also remained the same, Employee Relations holding this position with 1.1 per cent of its members absent.

The plant-wide absentee record for the week ending July 2, by departments, follows:

MAJOR LEAGUE			
Dept.	Absent	Percentage	Standing
2619	0.0	7-2-50	6-25-50
2282	0.3	1	1
2014	0.37	2	3
2142	0.43	3	6
2360	0.44	4	9
2616	0.8	5	2
2283	1.0	6	8
2300	1.25	7	1
2015	1.26	8	4
2077	1.8	9	5
2091	3.7	10	7
2320	3.8	11	10
2003	4.7	12	11

Group absentee percentage was 1.7 per cent, .1 per cent higher than the preceding week.

MINOR LEAGUE			
Dept.	Absent	Percentage	Standing
2096	0.0	7-2-50	6-25-50
2107	0.0	1	1
2002	0.0	1	1
2140	0.0	1	1
2200	0.0	1	1
2743	0.0	1	1
2143	0.0	1	1
2270	0.8	2	4
2109	1.1	3	3
2735	2.7	4	6
2060	2.9	5	5
2008	3.6	6	8
2005	3.9	7	7
2001	6.7	8	9
2133	8.7	9	10

Group absentee percentage was 2.3 per cent, .4 per cent higher than the preceding week.

The plant average for the week ending July 2 was 1.7 per cent, remaining the same as the preceding week.

## New Y-12 Credit Union Business Is Booming

Continued from Page 1

to the credit union can be applied either to purchase of shares or for repayment of loans or both.

**Three \$1,000 Purchases Made**

As soon as memberships were open to Y-12 employees there were three purchases of \$1,000 worth of shares in the credit union bought for cash. Several other purchases of from \$50 to \$200 were made with cash being paid.

Applications for loans also are being received by the credit union, 14 already having been approved ranging in amounts from \$150 to \$300. Loans now are being approved only on signatures of endorsing co-signers but arrangements will be made in the near future for loans on chattel mortgages on automobiles or other property.

## K-25 Softies Picked To Play Clearwater

The K-25 varsity softball team in the Oak Ridge City League will represent Oak Ridge on the diamond when the crack Clearwater, Fla., outfit comes to town next Tuesday night, July 18, on a barnstorming tour.

The Clearwater outfit finished in the runner-up spot for national honors last season, being defeated by a Toronto, Canada, team by the score of 1 to 0 in 21 innings. "Preacher" Dudley, Clearwater pitcher who will appear here, is reported to have struck out 55 Canadians out of a possible 63 in the long title game last year and then lost the game because of an error by the shortstop.

"Po" Smith, former Y-12er and star K-25 hurler, will match pitches with Dudley on the hill next week in the tilt at the Turnpike Park.